Restoration/repair of water bodies

257. SHRI SURENDRA LATH: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government have any plan/scheme for restoration/repair of water bodies in the country;

(b) if so, the details thereof;

(c) what is the budgetary outlay of this scheme in the Eleventh Five Year Plan;

(d) whether Government have any plan to extend this project to the whole country; and

(e) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) to (e) The Government has launched a Pilot Scheme for "National Project for Repair, renovation & Restoration of water Bodies directly linked to Agriculture" in January 2005. The water bodies having culturable command area command areas of more than 40 hectares and upto 2000 hectares are included under the Scheme in one or two districts each in States. The restoration of 1079 water bodies has been approved in 26 districts of 15 States under the Scheme. The total culturable command area of 2.99 lakh hectares is to be restored with an estimated cost of Rs. 299.0746 crore to be shared by Centre and State in the ratio of 3:1. The expansion of Schemes in The Eleveth Plan will through external Assistance. The Finance Minister in his Budget Speech for 2006-07 has announced that 20000 water bodies with a command area of 1.47 million hectares have been identified in first phase in the four States namely, Andhra Pradesh, Karnataka, Orissa and Tamil Nadu.

Storage capacity of major reservoirs in Orissa

†258. SHRI SURENDRA LATH: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether it is a fact that storage capacity of major reservoirs of Orissa has come down drastically due to excessive silting;

†Original notice of the question was received in Hindi.

(b) if so, the details of the storage capacity of various reservoirs at the time of their inception and now, with special reference to western Orissa;

(c) whether there is any proposal on desilting the existing reservoirs and making more reservoirs; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) and (b) A large number of dams have been constructed in the country in different rivers basins for conservation of water resources. As per National Register of large dams-2002 at the end of Ninth Five Year plan, about 4050 large dams have been constructed. As a result of this, the total live storage capacity of the dams completed in the country has gone up to 213 Billion Cubic Metre (BCM). The total live storage created by the completed projects in Orissa state is 17.224 BCM. The above storages are subject to silting over a period of time.

The likely annual loss in live storage in the country is 0.31% based upon the weighted average data of 42 reservoirs. As total live storage capacity of large dams is 213 BCM, therefore the estimated annual loss in total live storage is 0.66 BCM.

As per the information available in "compendium of Silting of Reservoir in India 2001", the loss of gross storages in respect of 2 reservoirs in Orissa is as given in Table-1 in Statement (*See* below).

Using Remote Sensing Technique, 3 reservoirs have been surveyed so far by the Central Water Commission for assessment of sediment in Live Storage zone and the results are given in Table-2 of above Statement (*See* below).

(c) and (d) Irrigation is a State subject and planning, execution, funding and maintenance of irrigation projects is primarily the responsibility of State Government based on their own priority. The Central Government may consider to provide technical assistance to State Government if approached by the State Government.

Statement

Tables showing loss of gross storages and assessment of sediment in live storage zone

TABLE-1

Projects of Orissa with loss of gross storages

S No.	Name of Reservoir	Name of River	Year of first impoundment	Original Gross Storage Capacity in MCM	Present Gross Storage capacity in MCM	Total loss of Gross storage up to the last survey in MCM
1.	Balimela	Machkund	1972	3610.53	3327.98	282.55 (last surveyed in 1999)
2.	Hirakud	Mahanadi	1957	8105	6145.74	1959.26 (last surveyed in 1994)

TABLE-2

Projects of Orissa with assessment in live storages zone

S. No.	Name of Reservoir	Name of River	Year of first impoundment	Original Live storage Capacity in MCM	Present Live Storage capacity in MCM	Total loss of storage up to the last survey in MCM
1.	Machkund	Machkund	1955	892.55	954.23	— (last surveyed in 2002)
2.	Rengali	Brahmani	1983	3412	3217.74	194.26 (last surveyed in 2001)
3.	Hirakud	Mahanadi	1957	5818	4841.58	76.42 (last surveyed in 2001)

Augmentation of irrigation facilities in Jharkhand

259. SHRI S.S. AHLUWALIA: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government are contemplating to augment irrigation facilities, particularly in rainfall deficit regions of the country, during the Eleventh Five Year Plan;

(b) if so, the details thereof;